PTO/SB/21 (03-03)

Approved for use through 07/31/2006, OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE duction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application Number MADENAR 10/723,980 Filing Date November 26, 2003 TRANSMITTAL First Named Inventor Jordan, John L., Sr. **FORM** Group Art Unit (to be used for all correspondence after initial filing) Examiner Name Attorney Docket Number 028647-000021 Total Number of Pages in This Submission **ENCLOSURES** (check all that apply) Fee Transmittal Form Drawing(s) After Allowance Communication to Group Fee Attached Licensing-related Papers Appeal Communication to Board Petition of Appeals and Interferences Amendment / Reply Petition to Convert to a Appeal Communication to Group After Final Provisional Application (Appeal Notice, Brief, Reply Brief) Affidavits/declaration(s) Power of Attorney, Revocation Proprietary Information Change of Correspondence **Extension of Time Request** Status Letter Address **Express Abandonment Request** Terminal Disclaimer Other Enclosure(s) (please Information Disclosure Statement identify below): Request for Refund Copy of 1 Cited Reference; and Certified Copy of Priority CD, Number of CD(s) Acknowledgment Postcard. **Documents** Response to Missing Parts/ Incomplete Application Remarks Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm **MICHAEL G. JOHNSTON** Individual Name MOORE & VAN ALLEN PLLC Signature 10-Date CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. Typed or printed name Laura McCullen

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date

1-18-2005

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Signature

Attorney Docket: 028647-000021



## N THE UNITED STATES PATENT AND TRADEMARK OFFICE

in FE application of: Jordan, John L., Sr.

Group Art Unit:

Serial Number: 10/723,980

Examiner:

Filed: November 26, 2003

For: PARTICLE COLLECTION APPARATUS AND METHOD

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.56 AND 37 C.F.R. § 1.97

It is respectfully requested that the documents listed on the attached Form PTO/SB/08A be considered by the Patent and Trademark Office in the above-referenced application and made of record therein. A full text copy of the non-patent literature document is enclosed. This information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last.

Respectfully submitted

By:

Michael G. Johnston Registration No. 38,194 Attorney for Applicant Moore & Van Allen, PLLC 430 Davis Dr., Suite 500 Morrisville, NC 27560-6832

Phone: 919-286-8000 Facsimile: 919-286-8199 January 18, 2005

Date

## **CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the US Postal Service as first class mail on January 18, 2005, in an envelope addressed to Commissioner of Patents, PO Box 1450, Alexandria, VA 22313-1450

Laura McCullen

PTO/SB/08a (03-03)

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Substitute	e for form 1449A/PTO 148			Complete if Known		
				Application Number	10/723,980	_
l	NFORMATION DISC	LOS	URE	Filing Date	November 26, 2003	_
	STATEMENT BY APF	PLIC	ANT	First Named Inventor	Jordan, John L., Sr.	_
				Art Unit		
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Sheet	1	of	2	Attorney Docket Number	028647-000021	

			U.S. PATENT I	DOCUMENTS	
Examiner Initials'	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	Α	US- 3,949,594	04/13/1976	Treaftis et al.	
	В	US- 3,957,469	05/18/1976	Nebash	
	С	US- 3,966,439	06/29/1976	Vennos	
	D	US-4,321,822	03/30/1982	Marple et al.	
	E	US-4,606,232	08/19/1986	Prodl	
	F	US-4,670,135	06/02/1987	Marple, et al.	
	G	US-4,725,294	02/16/1988	Berger	
	Н	US- 4,796,475	01/10/1989	Maroel	
		US- 4,961,916	10/09/1990	Lesage et al.	
	J	US- 4,972,957	11/27/1990	Liu et al.	
	K	US- 5,693,895	12/02/1997	Baxter	
	L	US- 5,783,756	07/21/1998	Xiong et al.	
	М	US- 6,101,886	08/15/2000	Brenizer et al.	
	N	US- 5,201,231	04/13/1993	Smith	
	0	US- 6,692,553	02/17/2004	Jordan, Sr. et al.	
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FOREIGN PATENT DOCUMENTS							
Examiner Initials'	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> –Number <sup>4</sup> –Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁵	
						i	

Examiner	Date	<u>-</u>
Signature	Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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					Complete if Known		
Substitute for form 1449B/PTO				Application Number	10/723,980		
	INFORMATION DISC	LOS	URE	Filing Date	November 26, 2003		
	STATEMENT BY AP	PLIC	ANT	First Named Inventor	Jordan, John L., Sr.		
				Art Unit			
	(use as many sheets as n	ecessa	ry)	Examiner Name			
Sheet	2	of	2	Attorney Docket Number	028647-000021		

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>			
	Р	Marple, Virgil A. and Willeke, Klaus, Impactor Design, Mechanical Engineering Department, University of Minnesota, Minneapolis, MN, 6 April 1976.				
Examiner		Date Considered				

		100-100
Signature	Considered	
Examiner	Date	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.